

EX27 All-Weather Cameras

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Invented for life



- ▶ Compact, weather-sealed housing for performance in extreme environments
- ▶ MX4 extended day/night CCD for outstanding IR sensitivity, low smear, low streak and excellent anti-blooming characteristics
- ▶ Easy access lens and camera OSD adjustments
- ▶ Easily integrated with Extreme infrared illumination for effective 24/7 night vision

The EX27 is an all-weather camera that includes all of the best features of a plug-and-play camera without compromise to CCD optics and lens quality. The EX27 takes advantage of the latest imaging technology, including high resolution extended CCDs with MFP Technology for exceptional day/night performance. The EX27 features an all-weather housing constructed of cast and extruded aluminum, field-proven for successful application in extreme environments. The EX27 is compact yet can still accommodate varifocal auto-iris lenses for extra installation versatility and protection from overexposed images.

The integrated VRB cleans and conditions input power to allow 12 VDC or 24 VAC operation while providing protection from surges, transient spikes and other electrical irregularities.

The EX27 is rugged, compact, power protected, weather protected, easily installed and industrially designed. The sleek design sets a new benchmark for the general purpose surveillance camera. Combined with infrared, the EX27 offers outstanding 24/7 performance in day or dark conditions for critical surveillance.

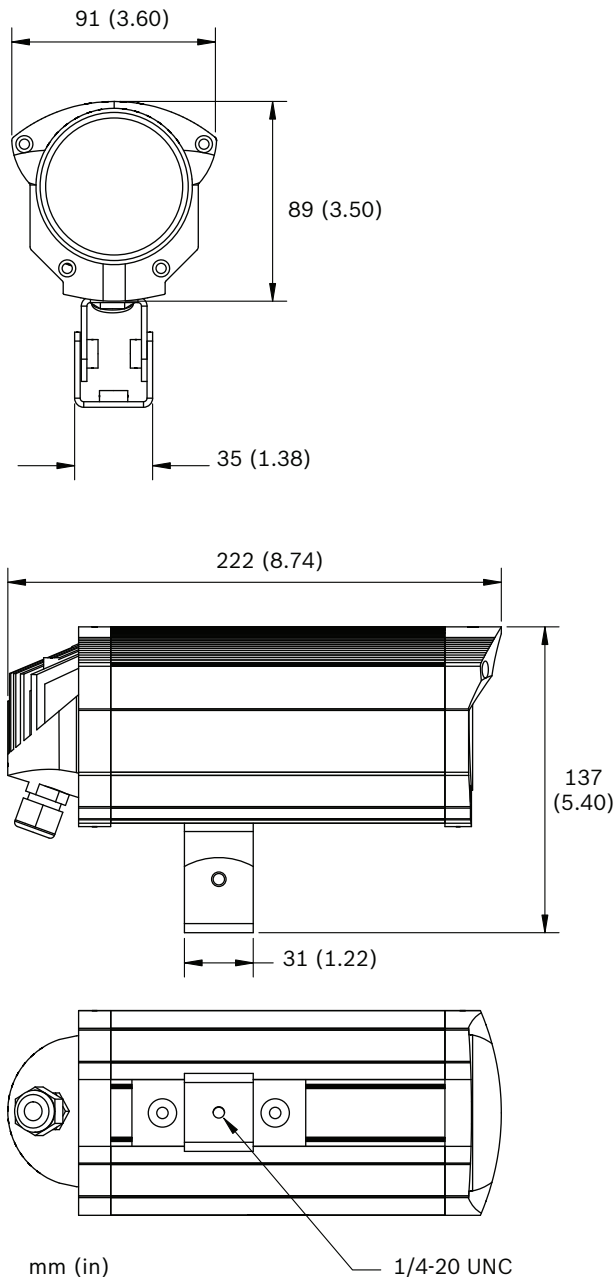
Functions

Applications

- Outdoor surveillance
- Extreme environment
- Ports and harbors
- Commercial campuses
- Critical infrastructure
- Homeland Security
- High-end residential
- School and universities

Installation/configuration notes

Dimensions



Technical specifications

Video

Sensor	MX4 Hi-Res Extended Day/Night CCD
Filter	Dual-window mechanical type, IR Pass / IR Cut
Day/Night Switching	Photocell-controlled, automatic
Photocell	Automatic, sensitivity adjustable
Controls	OSD with joystick operation

Resolution	540 TVL color / 540 TVL monochrome
Effective Pixels NTSC (HxV)	768 x 494
Effective Pixels PAL (HxV)	752 x 582
Sensitivity	0.02 lx with F1.4 lens 0 lx with infrared (B/W)
S/N Ratio	Greater than 48 dB (AGC off)
Output Signal	1 Vpp, 75 ohm
Gamma	0.45
Gain Control	AGC
Electronics Iris	1/60 to 1/100,000 (NTSC) 1/50 to 1/100,000 (PAL)
Lens	4-9 mm or 9-22 mm IR Corrected

Mechanical

Construction	Robust aluminum casting / extrusion
Window	3/16 inch polycarbonate
Weight	1.4 kg (3.1 lbs)
Overall Dimension (H x W x D)	89 x 91 x 222 mm (3.5 x 3.6 x 8.7 in.)
Finish	Powder coated black (white available)
Mount	Double U-mount supplied with 1/4-20

Electrical

Voltage	12 to 24 AC/DC
Consumption	4.5 W maximum
Connection	2.0 m (6.5 ft) composite cable for power and video

Environmental

Operational Range	-50°C to +50°C (58°F to 122°F)
Environment	IP66, NEMA 4X compliant

Ordering information

EX27MX4V0409B-N All-Weather Camera

All weather cam, 1/3 in. extended day/night, 4-9 mm lens, NTSC, black
Order number **EX27MX4V0409B-N**

EX27MX4V0409B-P All-Weather Camera

All weather cam, 1/3 in. extended day/night, 4-9 mm lens, PAL black
Order number **EX27MX4V0409B-P**

EX27MX4V0922B-N All-Weather Camera

All weather cam, 1/3 in. extended day/night, 9-22 mm lens, NTSC, black
Order number **EX27MX4V0922B-N**

EX27MX4V0922B-P All-Weather Camera

All weather cam, 1/3 in. extended day/night, 9-22 mm lens, PAL black
Order number **EX27MX4V0922B-P**

EX27MX4V0550B-N All-Weather Camera

All weather cam, 1/3 in. extended day/night, 5-50 mm lens, NTSC, black
Order number **EX27MX4V0550B-N**

EX27MX4V0550B-P All-Weather Camera

All weather cam, 1/3 in. extended day/night, 5-50 mm lens, PAL black
Order number **EX27MX4V0550B-P**

Accessories

EXPS.008 VAC Power Supply

Power supply 120 VAC/ 24 VAC 1500 mA
Order number **EXPS.008**

EXMB.015B Pole Mount Adapter Bracket

Pole Mount Adapter, black
Order number **EXMB.015B**

EXMB.017B Wall Mount Adapter Bracket

Wall Mount Adapter, Black
Order number **EXMB.017B**

EXMB.020B L-bracket

L-Bracket Only, Heavy Duty, black
Order number **EXMB.020B**

EXMB.023B Wall Bracket

Wall Bracket, Black
Order number **EXMB.023B**

PSU-230-24 Power Supply

Power Supply, 230 VAC / 24 VAC, 50 W
Order number **PSU-230-24**

EXSH.27B Sun Hood

Sun Hood, Black
Order number **EXSH.27B**

EXSH.027W Sun Hood

Sun Hood, White
Order number **EXSH.027W**

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